

District I  
P.O. Box 1980, Hobbs, NM

State of New Mexico  
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

District II  
Drawer DD, Artesia, NM 88221

*Denny E. Frost*  
**DEPUTY OIL & GAS INSPECTOR**

OIL CONSERVATION DIVISION

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

**OCT 28 1997**

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

## PIT REMEDIATION AND CLOSURE REPORT

*Approved*  
**Operator:** PNM Gas Services (Burlington) **Telephone:** 324-3764

**Address:** 603 W. Elm Street Farmington, NM 87401

**Facility or Well Name:** Alston #1

**Location:** Unit N Sec 35 T 31 N R 11 W County San Juan

**Pit Type:** Separator ☒ Dehydrator ☐ Other No

**Land Type:** BLM ☒ State ☐ Fee ☐ Other No

**Pit Location:** Pit dimensions: length 15 width 15 depth 3

(Attach diagram) Reference: wellhead ☒ other                     

Footage from reference: 123'

Direction from reference: 90 Degrees ☐ East ☒ North  
of ☒ West ☐ South

### Depth to Ground Water:

(Vertical distance from contaminants to  
seasonal high water elevation of ground  
water)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

### Wellhead Protection Area:

(Less than 200 feet from a private  
domestic water source, or, less than 1,000  
feet from all other water sources)

Yes	(20 points)	
No	(0 points)	<u>0</u>

### Distance to Surface Water:

(Horizontal distance to perennial lakes,  
ponds, rivers, streams, creeks, irrigation  
canals and ditches)

Less than 200 feet	(20 points)	
200 feet to 1,000 feet	(10 points)	
Greater than 1,000 feet	(0 points)	<u>0</u>

**RANKING SCORE (TOTAL POINTS):** 0

Alston #1

Date Remediation Started: 5/27/97Date Completed: 5/27/97Remediation Method: Excavation x Approx. Cubic Yard 31

(Check all appropriate sections)

Landfarmed x Amount Landfarmed (cubic yds) 31

Other \_\_\_\_\_

Remediation Location:

Onsite

X

Offsite \_\_\_\_\_

(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location: \_\_\_\_\_

## General Description of Remedial Action:

Excavated contaminated soil to a pit size of 11' x 11' x 7' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/blowing until soil met regulatory levels.

Ground Water Encountered:

No

✓

Yes \_\_\_\_\_

Depth \_\_\_\_\_

Final Pit Closure  
Sampling:Sample Location 5 pt. composite - 4 side walls and center of pit bottom.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth 6' and 7'.Sample date 5/27/97Sample time 11:30:00 AM

## Sample Results

Benzene (ppm) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_

Field headspace (ppm) 13.5TPH (ppm) 23.00

Method

8015A

Vertical Extent (ft) \_\_\_\_\_

Risk Assessment form attached

Yes \_\_\_\_\_

No ✓

Ground Water Sample:

Yes \_\_\_\_\_

No ✓

(If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE July 28, 1997

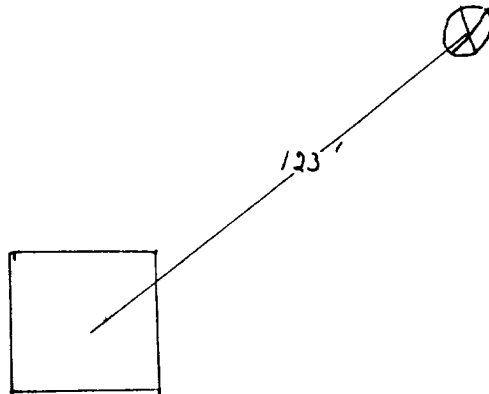
SIGNATURE

PRINTED NAME  
AND TITLE**Denver Bearden**  
**Administrator III**

Alston #1  
Burlington Resources  
Sec. 35, 31 N, 11 W, N

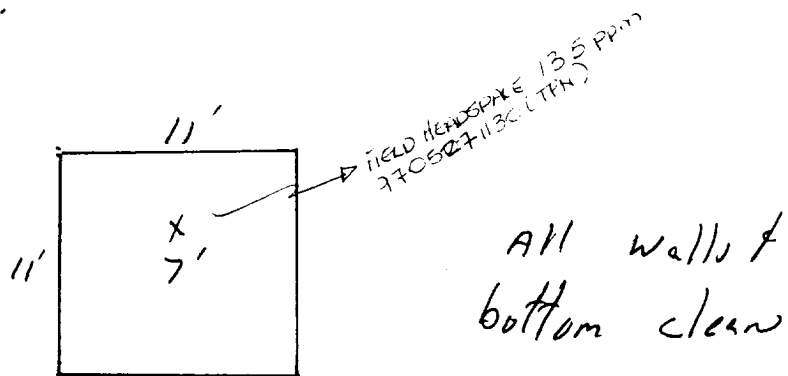
5/27/97

Start of excavation:



Location has been P&A since assessment & pit was covered up  
& separator removed

End of excavation:



All walls &  
bottom clean

Soil Vapor Headspace PID Rdg - 13.5 ppm.

OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: *4-Jun-97*  
COC No.: *5889*  
Sample No.: *14704*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Alston #1*  
Project Location: *9705271130; 4 Walls @ 6' and Bottom @ 7'*  
Sampled by: *GC* Date: *27-May-97* Time: *11:30*  
Analyzed by: *DC* Date: *2-Jun-97*  
Sample Matrix: *Soil*

#### Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Diesel Range Organics (C10 - C28)</i>	<i>23</i>	<i>mg/kg</i>	<i>5</i>	<i>mg/kg</i>

ND - Not Detected at Limit of Quantitation

#### Quality Assurance Report

DRO QC No.: 0519-STD

#### Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Diesel Range (C10 - C28)</i>	<i>ND</i>	<i>ppm</i>	<i>100</i>	<i>101</i>	<i>1.4</i>	<i>15%</i>

#### Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	<i>98</i>	<i>83</i>	<i>(70-130)</i>	<i>15</i>	<i>20%</i>

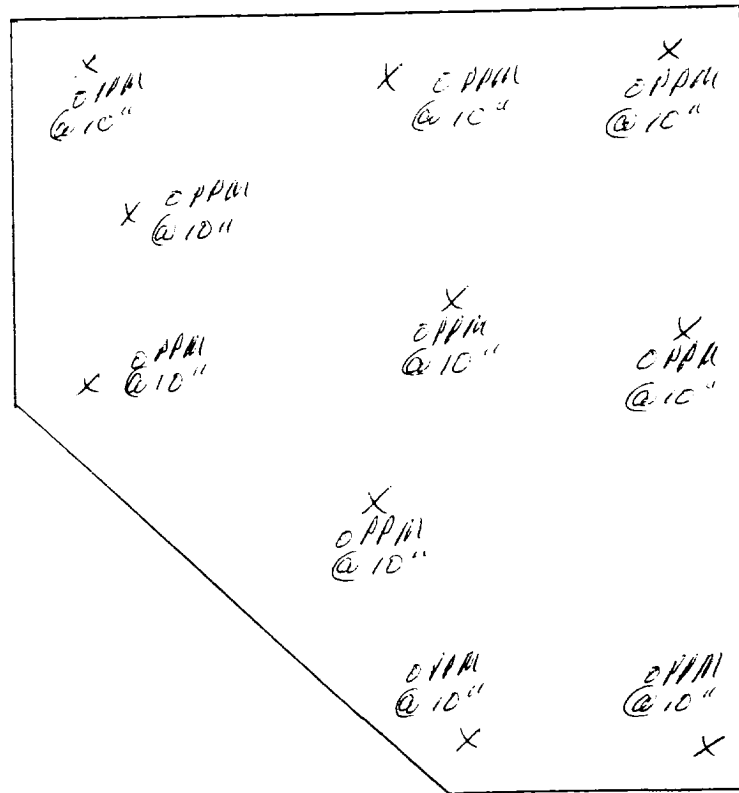
Method - ~~SW-846~~ EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*

Date: *6/4/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



Alston #1 P4A  
6-23-97 @ 1340

OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: *8-Jul-97*  
COC No.: *5171*  
Sample No.: *15061*  
Job No.: *2-1000*

Project Name: ***PNM Gas Services - Alston #1 Landfarm***

Project Location: ***9706231340; 10pt. Composite***

Sampled by: *RH* Date: *23-Jun-97* Time: *13:40*

Analyzed by: *DC/HR* Date: *7-Jul-97*

Sample Matrix: *Soil*

#### Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Diesel Range Organics (C10 - C28)</i>	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

#### Quality Assurance Report

DRO QC No.: 0548-STD

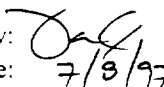
#### Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	190	5.1	15%

#### Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	84	89	(70-130)	5	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: 

Date: *7/8/97*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State *Farmington, NM 87401*

Date: *1-Jul-97*  
COC No.: *5171*  
Sample No.: *15061*  
Job No.: *2-1000*

Project Name: ***PNM Gas Services - Alston #1 Landfarm***  
Project Location: ***9706231340; 10pt. Composite***  
Sampled by: *RH* Date: *23-Jun-97* Time: *13:40*  
Analyzed by: *DC* Date: *28-Jun-97*  
Sample Matrix: *Soil*

### Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	1	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	ND	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	2	ug/kg	1	ug/kg
<i>o-Xylene</i>	1	ug/kg	1	ug/kg
<i>TOTAL</i>		4		ug/kg

ND - Not Detected at Limit of Quantitation

**Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography**

Approved by: *[Signature]*  
Date: *7/1/97*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -